

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: STREETWORKS

Report Number: P722195

Luminaire Tested: **IFLD-S-SA2E-830-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722195  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA2E-830-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (32) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

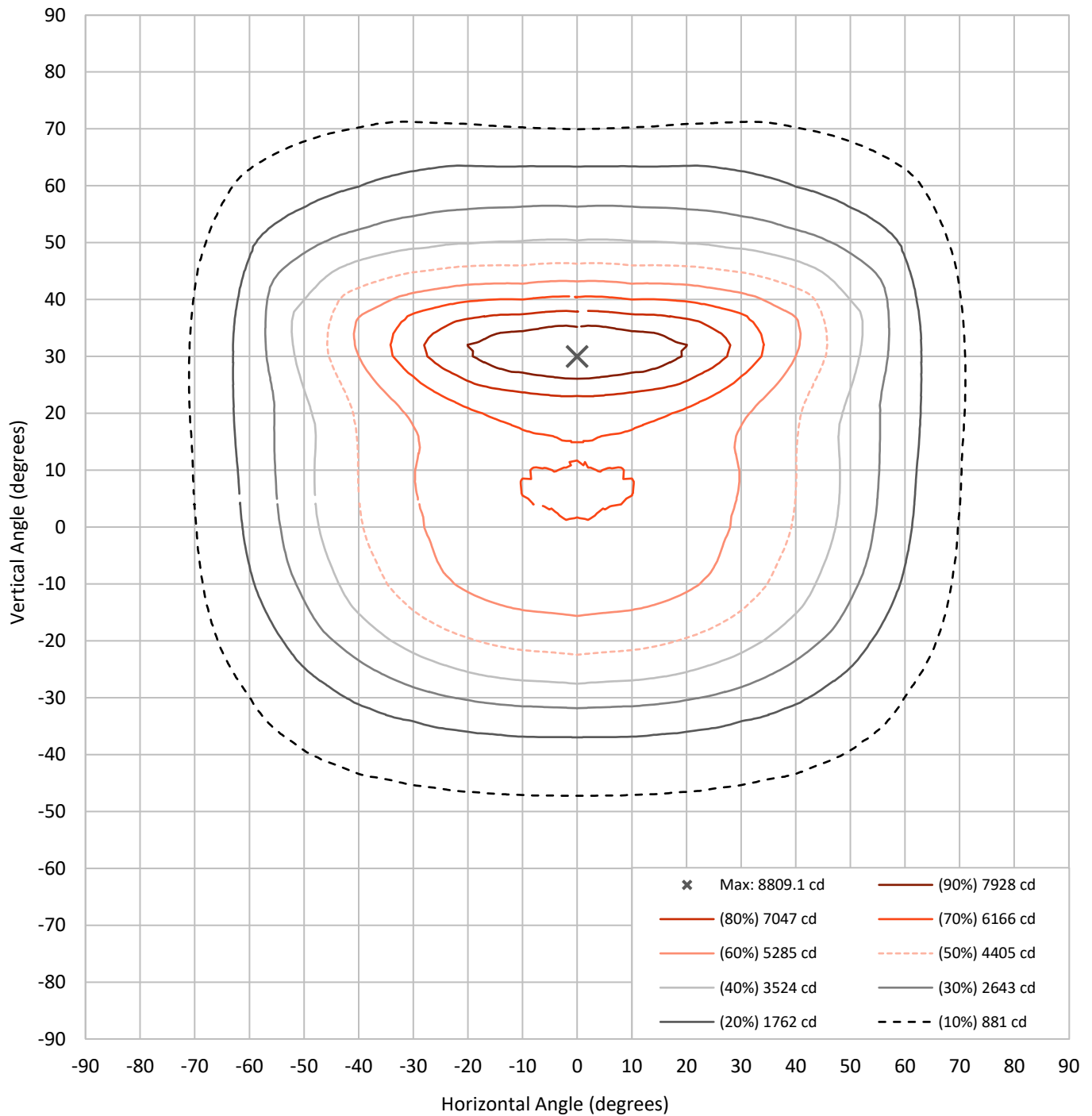
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	14704.6 lumens	Max Intensity:	8809.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	94.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	8550.9 lumens	Field Lumens:	13780.1 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 156.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



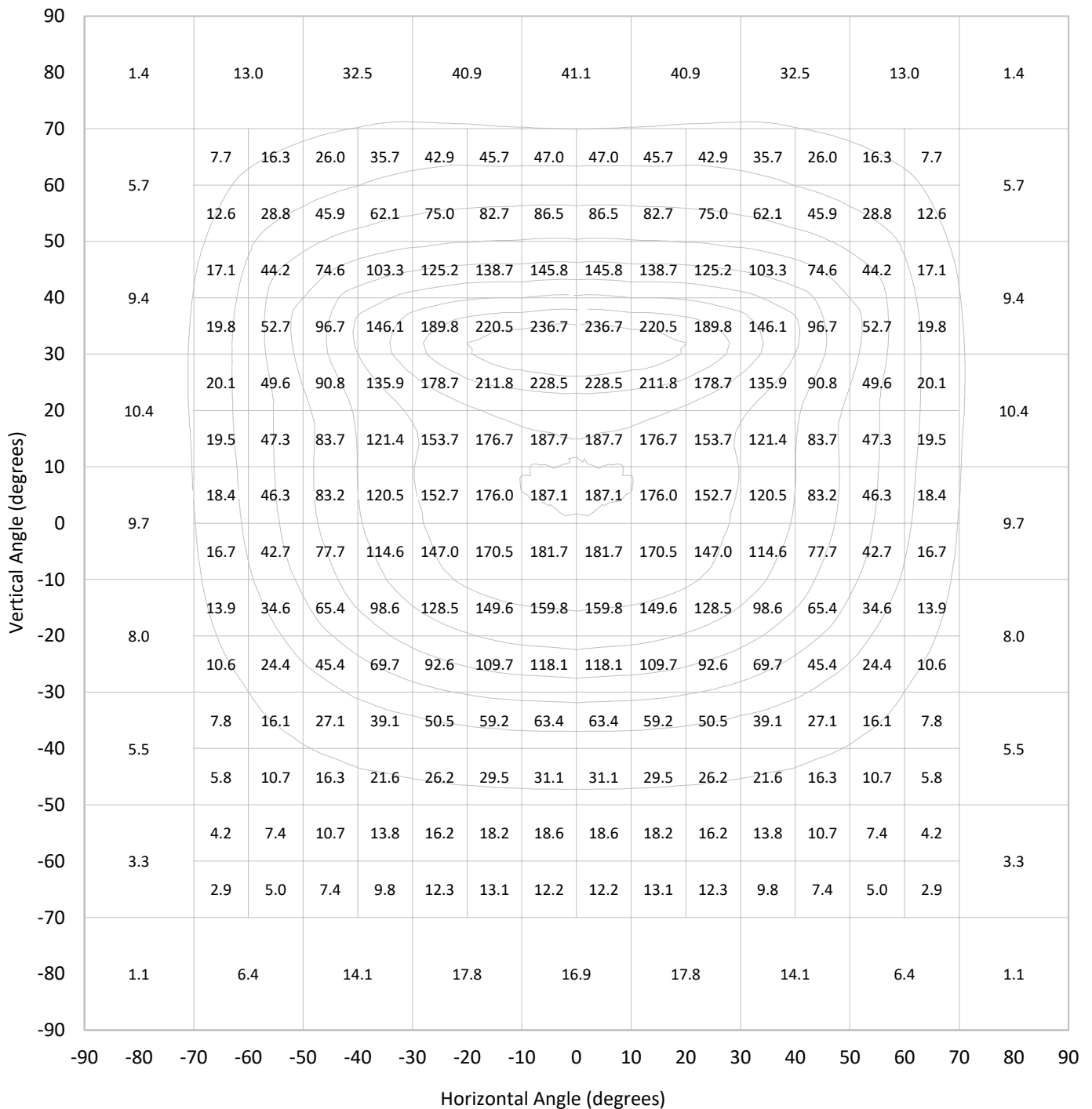
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### Iso-Candela Plot



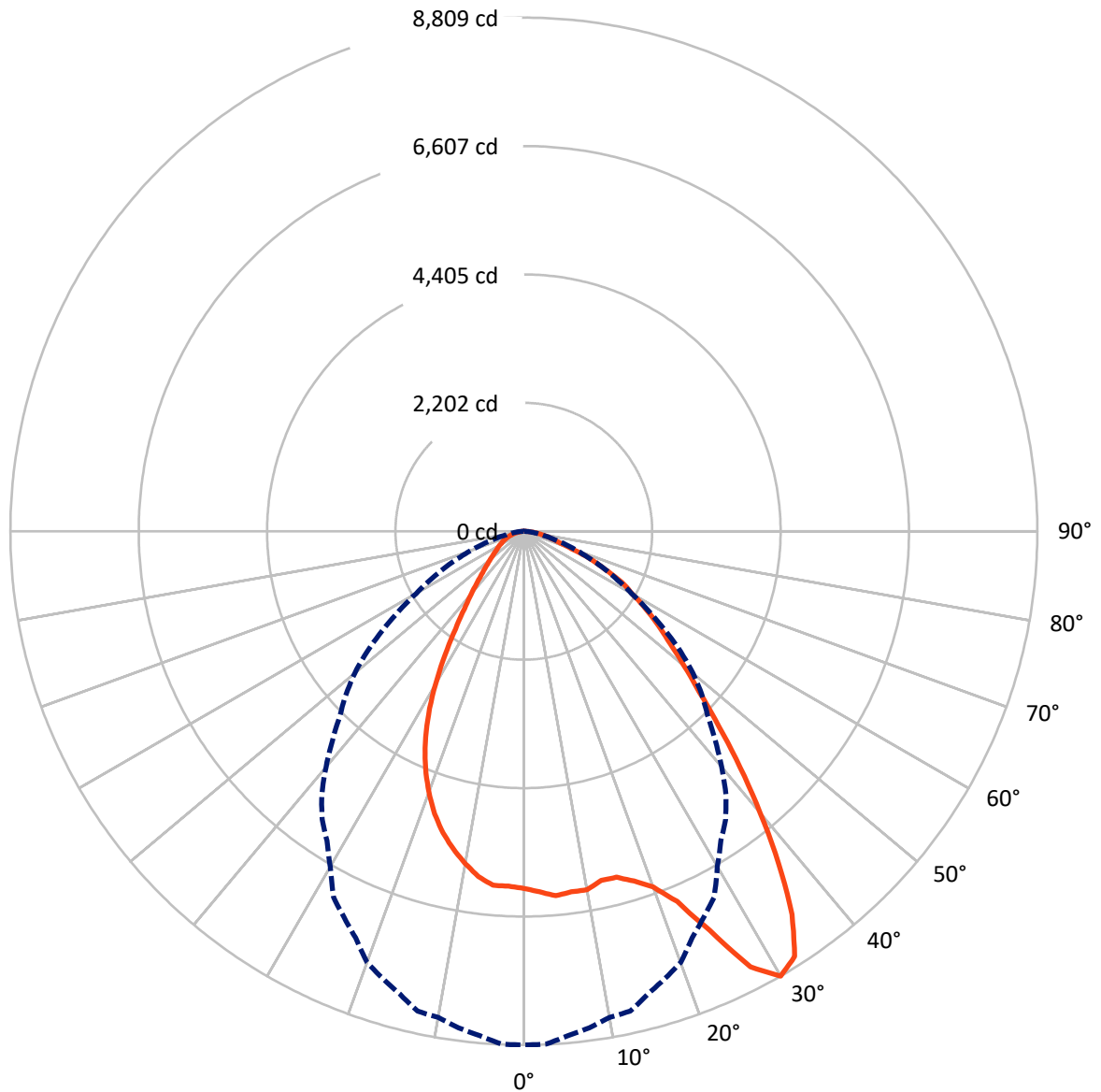
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### Lumen Table



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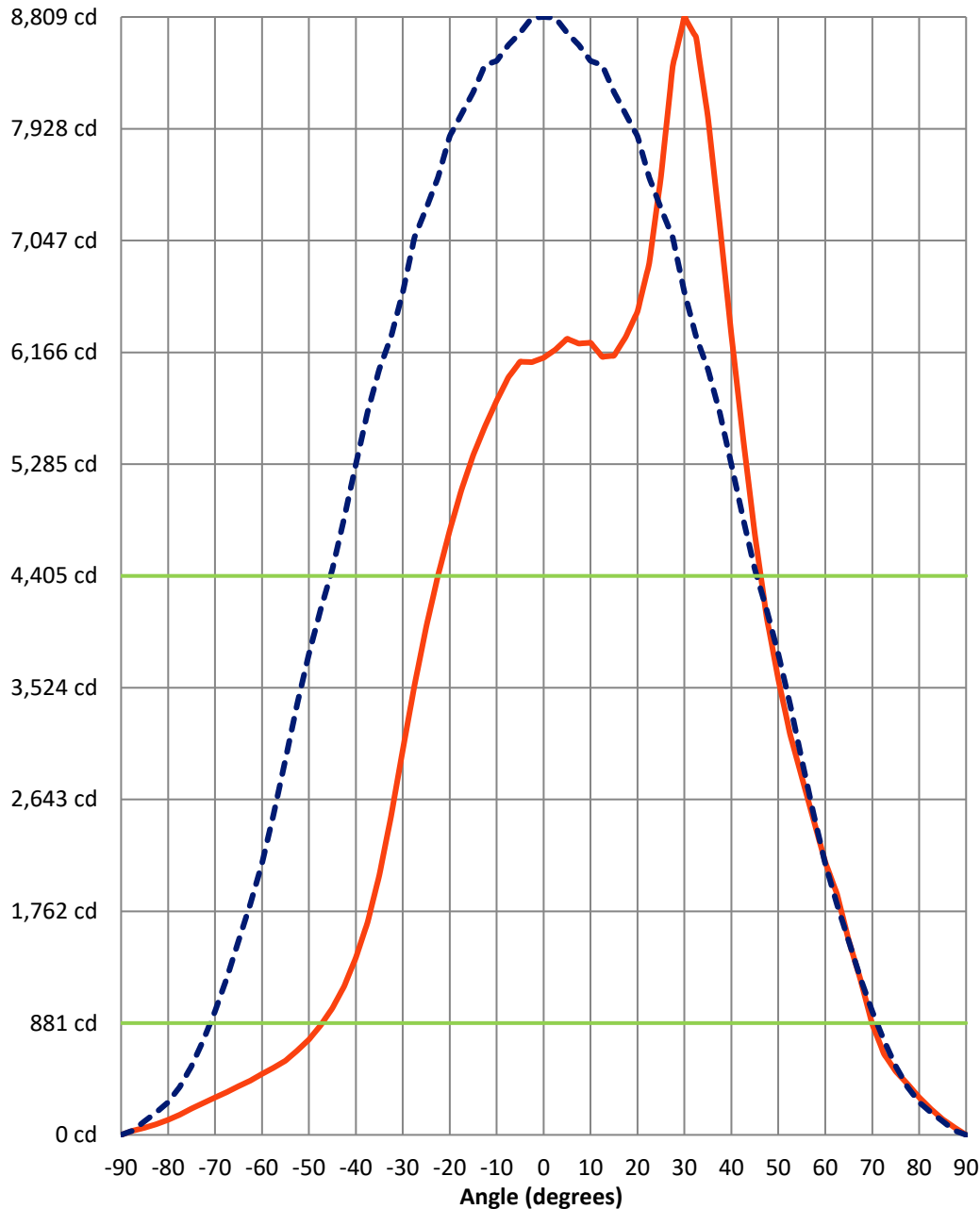
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 30-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 90.8°  
 V Angle: 68.8°  
 Lumens: 8550.9  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 13780.1  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 924.5  
 Efficiency: 6.3%

— Vertical Distribution through 0-Deg  
 - - - Horizontal Distribution through 30-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	59.2	60.8	62.3	62.3	60.8	60.8	60.8	59.2	60.8	60.8	60.8
85°	123.1	126.2	129.3	127.7	126.2	123.1	119.9	121.5	123.1	124.6	124.6
82.5°	204.1	208.7	211.9	210.3	207.2	204.1	201.0	202.5	205.6	207.2	207.2
80°	296.0	297.5	299.1	302.2	297.5	297.5	296.0	302.2	305.3	308.4	311.6
77.5°	401.9	403.5	403.5	405.0	406.6	408.1	408.1	419.0	426.8	431.5	436.2
75°	501.6	506.3	510.9	515.6	521.8	525.0	529.6	545.2	557.7	567.0	576.4
72.5°	638.7	644.9	652.7	663.6	674.5	682.3	693.2	711.9	725.9	735.3	746.2
70°	873.9	880.1	887.9	895.7	906.6	914.4	925.3	948.7	962.7	968.9	975.2
67.5°	1222.8	1238.4	1252.4	1236.9	1229.1	1218.2	1221.3	1243.1	1257.1	1266.5	1264.9
65°	1532.8	1543.7	1543.7	1542.2	1535.9	1521.9	1529.7	1556.2	1571.8	1579.6	1556.2
62.5°	1897.3	1897.3	1889.6	1902.0	1903.6	1894.2	1889.6	1891.1	1892.7	1897.3	1858.4
60°	2149.7	2165.3	2170.0	2180.9	2184.0	2184.0	2191.8	2198.0	2198.0	2188.6	2143.5
57.5°	2483.1	2512.7	2518.9	2511.1	2495.5	2475.3	2472.2	2462.8	2444.1	2425.4	2403.6
55°	2819.5	2835.1	2833.6	2828.9	2813.3	2789.9	2793.1	2780.6	2751.0	2727.6	2698.0
52.5°	3157.6	3195.0	3201.2	3191.8	3170.0	3145.1	3146.7	3132.6	3103.1	3078.1	3037.6
50°	3589.1	3620.2	3617.1	3601.5	3570.4	3551.7	3553.2	3526.8	3492.5	3484.7	3431.7
47.5°	4082.9	4118.7	4112.5	4090.7	4048.6	4040.8	4048.6	4014.3	3994.1	3977.0	3914.6
45°	4730.9	4773.0	4749.6	4707.5	4640.6	4648.3	4659.3	4653.0	4609.4	4564.2	4484.8
42.5°	5491.1	5517.6	5489.5	5447.5	5363.4	5378.9	5372.7	5335.3	5308.8	5234.1	5132.8
40°	6304.2	6361.9	6318.3	6252.8	6165.6	6189.0	6171.8	6123.5	6061.2	5967.8	5840.0
37.5°	7181.3	7226.4	7176.6	7100.3	7022.4	7014.6	6980.3	6905.5	6816.7	6713.9	6509.9
35°	8020.9	8137.7	8045.8	7924.3	7829.3	7793.5	7760.7	7587.8	7486.6	7319.9	7041.1
32.5°	8645.6	8731.2	8617.5	8491.3	8376.1	8326.2	8210.9	8005.3	7950.8	7600.3	7344.8
30°	8809.1	8802.9	8684.5	8587.9	8463.3	8429.0	8217.2	8042.7	7868.2	7544.2	7301.2
27.5°	8419.7	8380.7	8267.0	8182.9	8059.8	8019.3	7810.6	7717.1	7447.6	7173.5	6967.8
25°	7552.0	7572.3	7486.6	7444.5	7363.5	7276.3	7193.7	7067.5	6899.3	6659.4	6470.9
22.5°	6868.2	6894.6	6858.8	6809.0	6746.6	6698.4	6636.0	6537.9	6375.9	6227.9	6050.3
20°	6488.1	6480.3	6449.1	6411.7	6352.5	6318.3	6249.7	6167.2	6042.5	5914.8	5723.2
17.5°	6288.7	6240.4	6210.8	6196.8	6165.6	6122.0	6041.0	5956.9	5860.3	5715.4	5575.2
15°	6140.7	6148.5	6125.1	6114.2	6089.3	6028.5	5946.0	5877.4	5746.6	5673.4	5545.6
12.5°	6131.3	6123.5	6125.1	6120.4	6089.3	6011.4	5969.3	5882.1	5798.0	5701.4	5555.0
10°	6241.9	6159.4	6165.6	6187.4	6137.6	6075.3	6030.1	5935.1	5855.6	5732.5	5587.7
7.5°	6235.7	6193.6	6206.1	6170.3	6185.9	6109.5	6047.2	5952.2	5852.5	5721.6	5590.8
5°	6273.1	6209.2	6198.3	6201.4	6162.5	6104.8	6020.7	5930.4	5836.9	5690.5	5556.5
2.5°	6187.4	6196.8	6146.9	6128.2	6123.5	6027.0	5949.1	5861.8	5765.3	5636.0	5516.0
0°	6123.5	6140.7	6089.3	6062.8	6061.2	5978.7	5928.8	5829.1	5760.6	5653.1	5508.2
-2.5°	6089.3	6109.5	6115.8	6067.5	6020.7	5956.9	5872.7	5765.3	5653.1	5528.5	5403.9
-5°	6092.4	6051.9	6034.8	6050.3	6009.8	5946.0	5852.5	5757.5	5646.9	5512.9	5357.1
-7.5°	5969.3	5928.8	5925.7	5917.9	5908.6	5847.8	5769.9	5667.1	5555.0	5430.3	5285.5
-10°	5785.5	5755.9	5748.1	5740.3	5715.4	5679.6	5606.4	5512.9	5411.6	5287.0	5132.8
-12.5°	5581.4	5567.4	5537.8	5517.6	5492.7	5450.6	5380.5	5294.8	5193.6	5083.0	4950.6
-15°	5355.6	5329.1	5299.5	5282.4	5246.5	5196.7	5126.6	5047.1	4936.5	4827.5	4702.9
-17.5°	5083.0	5050.2	5017.5	5012.9	4987.9	4911.6	4846.2	4749.6	4653.0	4548.7	4427.1
-20°	4762.1	4716.9	4695.1	4682.6	4648.3	4592.3	4522.2	4433.4	4339.9	4240.2	4100.0



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**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	4406.9	4368.0	4330.6	4307.2	4277.6	4234.0	4167.0	4089.1	3997.2	3885.0	3755.8
-25°	4003.4	3948.9	3925.5	3899.1	3883.5	3843.0	3777.6	3705.9	3610.9	3501.8	3378.8
-27.5°	3542.3	3498.7	3486.3	3448.9	3430.2	3388.1	3333.6	3266.6	3179.4	3076.6	2975.3
-30°	3033.0	3006.5	2986.2	2948.8	2934.8	2889.6	2853.8	2797.7	2718.3	2645.1	2564.1
-32.5°	2509.5	2483.1	2476.8	2459.7	2450.4	2420.8	2380.3	2339.8	2275.9	2221.4	2155.9
-35°	2045.3	2026.6	2028.2	2026.6	2017.3	1995.5	1945.6	1934.7	1888.0	1838.2	1796.1
-37.5°	1674.6	1676.1	1674.6	1673.0	1660.6	1651.2	1615.4	1601.4	1573.3	1525.0	1500.1
-40°	1395.8	1398.9	1397.3	1394.2	1380.2	1375.5	1352.1	1333.4	1322.5	1288.3	1261.8
-42.5°	1169.9	1174.5	1173.0	1171.4	1162.1	1160.5	1148.1	1126.3	1120.0	1099.8	1071.7
-45°	998.5	997.0	993.8	997.0	992.3	987.6	979.8	965.8	958.0	948.7	925.3
-47.5°	863.0	864.6	861.4	861.4	855.2	850.5	847.4	838.1	831.8	824.1	810.0
-50°	750.8	757.1	755.5	754.0	749.3	746.2	746.2	736.8	727.5	724.4	715.0
-52.5°	663.6	668.3	669.8	673.0	674.5	676.1	671.4	662.0	646.5	644.9	640.2
-55°	584.2	598.2	607.5	613.8	620.0	624.7	615.3	602.9	587.3	581.0	579.5
-57.5°	529.6	543.7	554.6	563.9	571.7	579.5	570.1	557.7	543.7	535.9	534.3
-60°	479.8	492.3	503.2	515.6	526.5	539.0	534.3	525.0	517.2	510.9	504.7
-62.5°	426.8	439.3	451.7	467.3	481.3	493.8	495.4	493.8	492.3	493.8	482.9
-65°	383.2	389.4	397.2	414.4	429.9	444.0	451.7	456.4	464.2	472.0	461.1
-67.5°	336.5	344.3	353.6	366.1	378.5	387.9	398.8	411.2	423.7	436.2	428.4
-70°	294.4	300.6	308.4	314.7	322.5	328.7	338.0	352.1	366.1	378.5	375.4
-72.5°	250.8	257.0	261.7	264.8	269.5	272.6	277.3	289.7	299.1	305.3	305.3
-75°	207.2	213.4	218.1	219.6	222.8	224.3	227.4	232.1	236.8	238.3	239.9
-77.5°	158.9	165.1	169.8	172.9	176.0	179.1	180.7	183.8	185.4	185.4	186.9
-80°	118.4	123.1	126.2	130.9	132.4	135.5	138.6	140.2	141.8	141.8	143.3
-82.5°	84.1	87.2	90.3	93.5	96.6	98.1	101.3	102.8	104.4	105.9	107.5
-85°	56.1	59.2	62.3	65.4	67.0	68.5	70.1	71.7	73.2	74.8	76.3
-87.5°	32.7	34.3	35.8	38.9	40.5	43.6	45.2	43.6	45.2	45.2	45.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	60.8	60.8	60.8	60.8	59.2	56.1	54.5	51.4	48.3	45.2	42.1
85°	126.2	127.7	127.7	127.7	124.6	123.1	118.4	113.7	107.5	98.1	90.3
82.5°	210.3	211.9	211.9	210.3	207.2	202.5	196.3	188.5	176.0	163.6	152.7
80°	316.2	317.8	317.8	316.2	308.4	300.6	292.9	283.5	267.9	250.8	232.1
77.5°	442.4	445.5	445.5	440.8	429.9	420.6	408.1	392.6	369.2	344.3	319.3
75°	588.8	596.6	598.2	593.5	579.5	562.4	542.1	515.6	479.8	448.6	419.0
72.5°	758.6	766.4	772.6	766.4	746.2	722.8	693.2	662.0	626.2	584.2	534.3
70°	981.4	989.2	993.8	973.6	937.8	898.8	863.0	827.2	785.1	733.7	679.2
67.5°	1261.8	1254.0	1244.6	1204.1	1159.0	1112.2	1062.4	1009.4	954.9	900.4	836.5
65°	1531.3	1509.5	1489.2	1440.9	1383.3	1322.5	1264.9	1205.7	1140.3	1071.7	1011.0
62.5°	1814.8	1768.1	1718.2	1659.0	1599.8	1532.8	1475.2	1405.1	1331.9	1247.8	1169.9
60°	2093.6	2037.5	1987.7	1914.5	1836.6	1746.2	1683.9	1615.4	1529.7	1439.4	1347.5
57.5°	2363.1	2302.4	2247.8	2184.0	2099.9	2001.7	1933.2	1844.4	1754.0	1640.3	1546.9
55°	2649.7	2589.0	2545.4	2473.7	2381.8	2291.5	2216.7	2123.2	1997.0	1875.5	1760.3
52.5°	2978.4	2930.1	2883.4	2810.2	2699.6	2607.7	2525.1	2420.8	2288.3	2138.8	2000.2
50°	3346.1	3321.1	3271.3	3185.6	3059.4	2978.4	2869.4	2730.7	2589.0	2431.7	2258.7
47.5°	3833.6	3793.1	3723.0	3629.6	3523.6	3402.1	3255.7	3093.7	2892.8	2718.3	2534.5
45°	4416.2	4341.5	4251.1	4124.9	3994.1	3857.0	3696.6	3490.9	3221.4	2994.0	2800.8
42.5°	5047.1	4945.9	4822.8	4657.7	4487.9	4319.7	4146.7	3866.4	3529.9	3268.2	3050.1
40°	5706.1	5576.8	5422.6	5182.7	4994.2	4777.6	4579.8	4160.8	3802.5	3519.0	3286.9
37.5°	6351.0	6187.4	5928.8	5637.5	5417.9	5240.3	4805.7	4357.0	4036.1	3724.6	3489.4
35°	6844.8	6706.1	6249.7	5947.5	5759.0	5478.6	4935.0	4475.4	4135.8	3877.3	3511.2
32.5°	7137.6	6779.4	6379.0	6073.7	5917.9	5458.4	4944.3	4509.7	4182.6	3892.8	3455.1
30°	7072.2	6639.2	6288.7	6033.2	5695.2	5282.4	4857.1	4456.7	4139.0	3788.5	3392.8
27.5°	6678.1	6343.2	6030.1	5763.7	5431.9	5061.2	4668.6	4316.5	4020.6	3681.0	3307.1
25°	6232.6	5928.8	5696.7	5464.6	5149.9	4796.3	4450.5	4196.6	3899.1	3564.1	3195.0
22.5°	5822.9	5604.8	5422.6	5179.5	4872.7	4564.2	4349.3	4086.0	3780.7	3441.1	3079.7
20°	5561.2	5413.2	5204.5	4936.5	4695.1	4501.9	4263.6	3984.7	3670.1	3314.9	2981.5
17.5°	5435.0	5263.7	5031.6	4857.1	4671.7	4459.9	4193.5	3897.5	3562.6	3257.3	2992.5
15°	5369.6	5188.9	5036.2	4864.9	4656.1	4433.4	4137.4	3830.5	3562.6	3280.6	3000.2
12.5°	5383.6	5227.8	5061.2	4874.2	4649.9	4411.6	4143.6	3858.6	3581.3	3297.8	3001.8
10°	5427.2	5263.7	5086.1	4878.9	4653.0	4417.8	4160.8	3875.7	3590.6	3305.6	2998.7
7.5°	5442.8	5265.2	5075.2	4866.4	4645.2	4414.7	4163.9	3880.4	3592.2	3304.0	2989.3
5°	5394.5	5234.1	5050.2	4840.0	4623.4	4399.1	4151.4	3874.1	3579.7	3288.4	2966.0
2.5°	5329.1	5199.8	5023.8	4821.3	4601.6	4377.3	4131.2	3846.1	3551.7	3260.4	2936.4
0°	5318.2	5157.7	4980.1	4799.4	4565.8	4329.0	4084.4	3793.1	3500.3	3207.4	2885.0
-2.5°	5246.5	5076.7	4899.1	4702.9	4497.2	4258.9	4001.9	3716.8	3427.1	3138.9	2828.9
-5°	5192.0	5003.5	4815.0	4603.2	4396.0	4157.7	3891.3	3614.0	3330.5	3050.1	2751.0
-7.5°	5118.8	4925.6	4727.8	4506.6	4282.3	4039.3	3776.0	3498.7	3219.9	2941.0	2654.4
-10°	4970.8	4801.0	4615.6	4386.6	4149.9	3906.9	3645.2	3372.5	3093.7	2811.8	2523.6
-12.5°	4791.7	4612.5	4410.0	4199.7	3987.9	3762.0	3500.3	3232.3	2951.9	2668.4	2381.8
-15°	4559.6	4383.5	4176.3	3970.7	3766.7	3550.1	3319.6	3078.1	2793.1	2514.2	2227.6
-17.5°	4269.8	4104.7	3919.3	3723.0	3520.5	3302.4	3078.1	2874.1	2607.7	2346.0	2062.5
-20°	3958.3	3804.0	3637.4	3452.0	3249.5	3036.1	2824.2	2610.8	2380.3	2149.7	1886.4



REPORT NUMBER: P722195  
 CATALOG NUMBER: IFLD-S-SA2E-830-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	3634.2	3478.5	3310.2	3137.3	2950.4	2752.6	2556.3	2352.2	2149.7	1941.0	1718.2
-25°	3260.4	3123.3	2969.1	2800.8	2634.2	2461.3	2274.3	2089.0	1916.0	1735.3	1553.1
-27.5°	2869.4	2743.2	2603.0	2456.6	2313.3	2168.4	2006.4	1835.0	1691.7	1542.2	1391.1
-30°	2458.1	2356.9	2243.2	2115.4	2004.8	1888.0	1752.5	1610.7	1479.9	1366.2	1244.6
-32.5°	2068.7	1983.0	1902.0	1817.9	1708.9	1618.5	1525.0	1420.7	1305.4	1197.9	1110.7
-35°	1733.8	1641.9	1607.6	1545.3	1467.4	1388.0	1319.4	1244.6	1157.4	1062.4	990.7
-37.5°	1451.8	1397.3	1349.0	1314.7	1263.3	1199.5	1145.0	1090.4	1023.4	951.8	880.1
-40°	1232.2	1194.8	1141.8	1124.7	1092.0	1048.4	992.3	950.2	905.1	850.5	789.8
-42.5°	1056.2	1028.1	993.8	964.3	950.2	919.1	875.5	835.0	799.1	761.7	715.0
-45°	911.3	892.6	870.8	844.3	833.4	808.5	777.3	732.1	711.9	680.7	646.5
-47.5°	794.5	785.1	769.5	752.4	736.8	718.1	690.1	662.0	634.0	613.8	587.3
-50°	702.5	696.3	687.0	673.0	652.7	640.2	621.5	596.6	570.1	553.0	534.3
-52.5°	629.3	623.1	616.9	606.0	590.4	577.9	562.4	542.1	520.3	503.2	487.6
-55°	573.3	563.9	559.2	549.9	537.4	523.4	509.4	495.4	476.7	461.1	445.5
-57.5°	529.6	517.2	510.9	503.2	490.7	476.7	465.8	451.7	439.3	422.2	408.1
-60°	495.4	481.3	468.9	461.1	450.2	436.2	425.3	414.4	401.9	387.9	370.7
-62.5°	467.3	450.2	433.1	423.7	412.8	400.3	389.4	378.5	366.1	352.1	336.5
-65°	440.8	420.6	398.8	389.4	378.5	366.1	352.1	344.3	333.4	320.9	305.3
-67.5°	408.1	386.3	367.6	356.7	345.8	334.9	322.5	314.7	303.8	288.2	272.6
-70°	359.8	345.8	333.4	324.0	314.7	305.3	292.9	280.4	267.9	253.9	239.9
-72.5°	299.1	294.4	292.9	288.2	277.3	266.4	253.9	241.5	230.5	219.6	208.7
-75°	241.5	244.6	247.7	246.1	235.2	224.3	213.4	202.5	194.7	185.4	176.0
-77.5°	191.6	194.7	197.8	197.8	190.0	183.8	176.0	168.2	162.0	154.2	144.9
-80°	148.0	152.7	157.3	160.4	154.2	149.5	143.3	137.1	130.9	124.6	118.4
-82.5°	112.2	116.8	121.5	124.6	119.9	116.8	112.2	107.5	102.8	96.6	91.9
-85°	81.0	84.1	87.2	88.8	85.7	82.6	79.4	76.3	73.2	68.5	65.4
-87.5°	46.7	48.3	49.8	51.4	48.3	45.2	43.6	40.5	38.9	35.8	34.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722195  
 CATALOG NUMBER: IFLD-S-SA2E-830-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	38.9	35.8	32.7	31.2	28.0	23.4	20.3	17.1	14.0	10.9	9.3
85°	82.6	74.8	65.4	60.8	54.5	48.3	42.1	35.8	29.6	23.4	17.1
82.5°	141.8	132.4	123.1	112.2	98.1	81.0	63.9	53.0	43.6	34.3	26.5
80°	213.4	196.3	180.7	166.7	151.1	129.3	105.9	84.1	59.2	45.2	34.3
77.5°	296.0	275.7	253.9	230.5	205.6	176.0	149.5	121.5	91.9	62.3	43.6
75°	389.4	363.0	333.4	300.6	267.9	229.0	191.6	158.9	124.6	87.2	53.0
72.5°	493.8	461.1	425.3	381.7	330.2	285.1	239.9	196.3	155.8	110.6	71.7
70°	627.8	576.4	523.4	476.7	411.2	339.6	286.6	236.8	185.4	135.5	90.3
67.5°	771.1	708.8	644.9	576.4	493.8	409.7	333.4	277.3	216.5	158.9	107.5
65°	926.9	849.0	768.0	691.6	577.9	478.2	392.6	316.2	246.1	180.7	124.6
62.5°	1087.3	995.4	901.9	802.2	671.4	548.3	448.6	359.8	274.2	201.0	140.2
60°	1258.7	1151.2	1037.5	912.8	760.2	624.7	501.6	405.0	303.8	221.2	157.3
57.5°	1439.4	1322.5	1188.6	1020.3	852.1	697.9	562.4	445.5	330.2	239.9	169.8
55°	1635.6	1501.7	1355.2	1132.5	942.4	771.1	623.1	486.0	358.3	255.5	182.3
52.5°	1847.5	1691.7	1506.4	1250.9	1037.5	845.9	679.2	521.8	384.8	272.6	193.2
50°	2084.3	1888.0	1638.8	1359.9	1120.0	916.0	735.3	560.8	406.6	291.3	202.5
47.5°	2330.4	2118.5	1757.1	1461.2	1204.1	984.5	792.9	595.1	428.4	306.9	211.9
45°	2587.4	2279.0	1880.2	1551.5	1277.4	1046.8	836.5	626.2	454.9	320.9	219.6
42.5°	2841.3	2400.5	1987.7	1641.9	1345.9	1102.9	872.3	655.8	476.7	334.9	227.4
40°	2961.3	2492.4	2073.4	1704.2	1403.5	1152.7	903.5	682.3	495.4	344.3	235.2
37.5°	3011.1	2548.5	2129.5	1763.4	1448.7	1179.2	930.0	705.7	510.9	353.6	241.5
35°	3022.0	2568.7	2157.5	1803.9	1486.1	1204.1	950.2	722.8	523.4	363.0	247.7
32.5°	3001.8	2562.5	2165.3	1817.9	1509.5	1222.8	964.3	735.3	532.8	372.3	253.9
30°	2956.6	2529.8	2137.2	1816.3	1526.6	1233.7	973.6	744.6	542.1	378.5	257.0
27.5°	2883.4	2472.2	2101.4	1817.9	1535.9	1238.4	978.3	749.3	548.3	383.2	263.3
25°	2793.1	2394.3	2103.0	1814.8	1537.5	1240.0	978.3	749.3	549.9	384.8	267.9
22.5°	2688.7	2394.3	2103.0	1810.1	1528.2	1236.9	973.6	746.2	549.9	387.9	272.6
20°	2694.9	2395.8	2098.3	1800.8	1514.1	1227.5	962.7	738.4	545.2	392.6	275.7
17.5°	2699.6	2392.7	2089.0	1788.3	1495.4	1211.9	948.7	727.5	545.2	397.2	277.3
15°	2699.6	2383.4	2074.9	1769.6	1472.1	1190.1	928.4	718.1	546.8	398.8	280.4
12.5°	2694.9	2366.2	2053.1	1744.7	1444.0	1163.6	916.0	715.0	546.8	400.3	280.4
10°	2685.6	2342.9	2025.1	1713.5	1417.6	1154.3	909.7	708.8	543.7	400.3	280.4
7.5°	2668.4	2314.8	2001.7	1694.8	1402.0	1143.4	900.4	699.4	539.0	397.2	283.5
5°	2642.0	2299.2	1983.0	1673.0	1380.2	1135.6	894.2	691.6	535.9	397.2	280.4
2.5°	2607.7	2280.6	1961.2	1645.0	1355.2	1109.1	873.9	674.5	525.0	391.0	277.3
0°	2551.6	2243.2	1923.8	1606.0	1321.0	1082.6	853.7	657.4	514.1	384.8	274.2
-2.5°	2500.2	2193.3	1875.5	1565.5	1288.3	1059.3	838.1	648.0	509.4	383.2	272.6
-5°	2428.5	2124.8	1811.7	1512.6	1244.6	1035.9	822.5	637.1	504.7	380.1	272.6
-7.5°	2349.1	2053.1	1744.7	1458.1	1201.0	995.4	792.9	620.0	493.8	373.9	271.0
-10°	2226.0	1945.6	1660.6	1395.8	1154.3	959.6	768.0	604.4	484.5	367.6	264.8
-12.5°	2095.2	1827.2	1564.0	1319.4	1101.3	922.2	739.9	587.3	473.6	361.4	261.7
-15°	1956.5	1705.7	1462.7	1240.0	1043.7	877.0	710.3	568.6	462.7	353.6	257.0
-17.5°	1811.7	1578.0	1358.4	1159.0	986.1	830.3	679.2	551.4	450.2	345.8	252.4
-20°	1659.0	1447.2	1252.4	1076.4	925.3	783.6	646.5	531.2	436.2	336.5	246.1



REPORT NUMBER: P722195  
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**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1507.9	1317.9	1143.4	995.4	863.0	735.3	613.8	510.9	420.6	325.6	241.5
-25°	1373.9	1196.4	1046.8	917.5	802.2	688.5	579.5	490.7	403.5	314.7	235.2
-27.5°	1243.1	1092.0	951.8	844.3	743.1	643.4	546.8	468.9	386.3	302.2	229.0
-30°	1121.6	992.3	877.0	772.6	687.0	602.9	518.7	447.1	367.6	289.7	221.2
-32.5°	1011.0	906.6	810.0	710.3	634.0	562.4	492.3	425.3	348.9	277.3	213.4
-35°	908.2	827.2	743.1	658.9	581.0	525.0	464.2	401.9	331.8	263.3	205.6
-37.5°	816.3	750.8	683.9	612.2	545.2	489.1	437.7	378.5	314.7	250.8	197.8
-40°	736.8	683.9	624.7	567.0	510.9	458.0	411.2	355.2	297.5	241.5	190.0
-42.5°	663.6	623.1	574.8	526.5	476.7	429.9	384.8	330.2	280.4	230.5	182.3
-45°	607.5	567.0	528.1	484.5	442.4	401.9	356.7	308.4	264.8	218.1	174.5
-47.5°	554.6	518.7	482.9	447.1	412.8	375.4	330.2	289.7	247.7	207.2	168.2
-50°	507.8	473.6	442.4	411.2	381.7	345.8	303.8	271.0	233.7	196.3	160.4
-52.5°	464.2	434.6	403.5	378.5	353.6	317.8	283.5	252.4	219.6	183.8	152.7
-55°	425.3	397.2	369.2	345.8	322.5	291.3	263.3	236.8	205.6	174.5	144.9
-57.5°	387.9	364.5	338.0	316.2	292.9	267.9	244.6	219.6	191.6	165.1	137.1
-60°	353.6	331.8	308.4	286.6	266.4	246.1	224.3	204.1	179.1	154.2	129.3
-62.5°	319.3	300.6	280.4	258.6	243.0	224.3	207.2	186.9	166.7	144.9	115.3
-65°	288.2	271.0	252.4	233.7	219.6	205.6	190.0	171.4	154.2	134.0	102.8
-67.5°	257.0	241.5	225.9	210.3	197.8	186.9	171.4	157.3	143.3	121.5	90.3
-70°	227.4	215.0	201.0	188.5	179.1	166.7	155.8	143.3	130.9	105.9	76.3
-72.5°	199.4	186.9	176.0	166.7	158.9	148.0	138.6	129.3	112.2	88.8	63.9
-75°	166.7	158.9	152.7	144.9	137.1	129.3	121.5	110.6	93.5	71.7	49.8
-77.5°	137.1	132.4	127.7	121.5	115.3	109.0	99.7	88.8	74.8	56.1	40.5
-80°	112.2	107.5	104.4	98.1	93.5	87.2	77.9	68.5	54.5	43.6	32.7
-82.5°	85.7	82.6	79.4	76.3	71.7	65.4	56.1	48.3	40.5	32.7	24.9
-85°	60.8	59.2	56.1	53.0	48.3	43.6	37.4	32.7	28.0	21.8	17.1
-87.5°	31.2	29.6	28.0	26.5	24.9	21.8	18.7	15.6	14.0	10.9	7.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	6.2	4.7	1.6	0.0
85°	12.5	7.8	3.1	0.0
82.5°	18.7	12.5	4.7	0.0
80°	24.9	15.6	7.8	0.0
77.5°	31.2	18.7	9.3	0.0
75°	37.4	23.4	10.9	0.0
72.5°	42.1	26.5	12.5	0.0
70°	49.8	31.2	14.0	0.0
67.5°	62.3	34.3	15.6	0.0
65°	73.2	37.4	17.1	0.0
62.5°	85.7	40.5	18.7	0.0
60°	96.6	43.6	20.3	0.0
57.5°	107.5	51.4	21.8	0.0
55°	116.8	57.6	23.4	0.0
52.5°	127.7	63.9	24.9	0.0
50°	137.1	70.1	26.5	0.0
47.5°	144.9	76.3	26.5	0.0
45°	151.1	81.0	28.0	0.0
42.5°	155.8	85.7	29.6	0.0
40°	160.4	90.3	31.2	0.0
37.5°	165.1	95.0	31.2	0.0
35°	169.8	99.7	32.7	0.0
32.5°	174.5	104.4	32.7	0.0
30°	177.6	107.5	34.3	0.0
27.5°	182.3	110.6	34.3	0.0
25°	183.8	113.7	35.8	0.0
22.5°	186.9	115.3	35.8	0.0
20°	190.0	118.4	35.8	0.0
17.5°	191.6	119.9	37.4	0.0
15°	191.6	121.5	38.9	0.0
12.5°	193.2	123.1	38.9	0.0
10°	193.2	126.2	37.4	0.0
7.5°	196.3	124.6	37.4	0.0
5°	194.7	124.6	37.4	0.0
2.5°	193.2	123.1	37.4	0.0
0°	191.6	123.1	37.4	0.0
-2.5°	191.6	123.1	37.4	0.0
-5°	191.6	123.1	37.4	0.0
-7.5°	190.0	124.6	37.4	0.0
-10°	186.9	124.6	37.4	0.0
-12.5°	185.4	119.9	37.4	0.0
-15°	183.8	118.4	37.4	0.0
-17.5°	180.7	116.8	35.8	0.0
-20°	177.6	115.3	35.8	0.0



REPORT NUMBER: P722195  
 CATALOG NUMBER: IFLD-S-SA2E-830-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	174.5	112.2	35.8	0.0
-25°	171.4	109.0	34.3	0.0
-27.5°	168.2	105.9	34.3	0.0
-30°	163.6	102.8	32.7	0.0
-32.5°	158.9	99.7	32.7	0.0
-35°	155.8	95.0	31.2	0.0
-37.5°	151.1	90.3	31.2	0.0
-40°	146.4	85.7	29.6	0.0
-42.5°	141.8	81.0	28.0	0.0
-45°	135.5	76.3	28.0	0.0
-47.5°	130.9	71.7	26.5	0.0
-50°	123.1	65.4	24.9	0.0
-52.5°	113.7	59.2	23.4	0.0
-55°	104.4	54.5	21.8	0.0
-57.5°	95.0	48.3	21.8	0.0
-60°	85.7	42.1	20.3	0.0
-62.5°	76.3	38.9	18.7	0.0
-65°	67.0	35.8	17.1	0.0
-67.5°	56.1	31.2	15.6	0.0
-70°	46.7	28.0	14.0	0.0
-72.5°	40.5	24.9	12.5	0.0
-75°	34.3	21.8	10.9	0.0
-77.5°	29.6	18.7	9.3	0.0
-80°	23.4	14.0	6.2	0.0
-82.5°	17.1	10.9	4.7	0.0
-85°	10.9	7.8	3.1	0.0
-87.5°	6.2	3.1	1.6	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)